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### ABSTRACT OF THE DISCLOSURE

It is an object of the present invention to enable an analog operation by a pressing operation of a controller which is used with conventional digital operation.

- 5 According to the present invention, a control apparatus has a detecting device (e.g., a pressure-sensitive device (12)) for outputting an analog signal corresponding to the pressing operation of the controller (11), a level segmenting unit (15) for is segmenting the analog signal into levels, and an A/D converting unit (16) for converting the analog signal into a digital signal having a plurality of bits corresponding to the output level.

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**SUBJECT:**